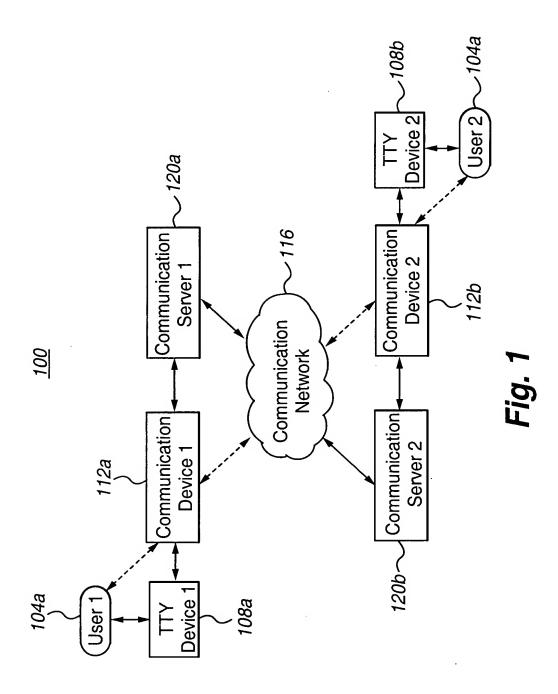


Inventor's Name: Michaelis Serial No. 10/810,239 Docket No. 4366-170 Attorney: Bradley M. Knepper Telephone: 303/863-9700

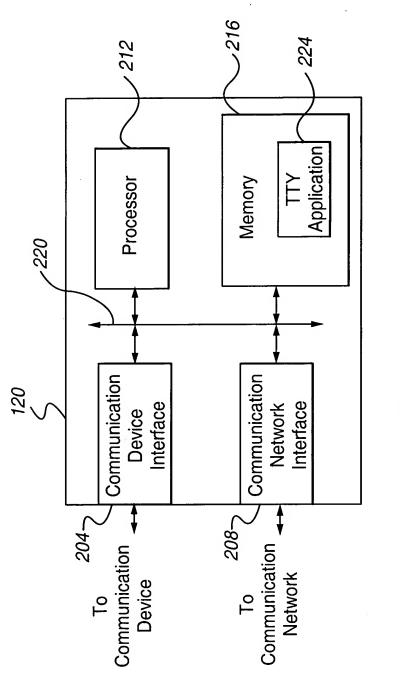
Sheet 1 of 5 sheets





Inventor's Name: Michaelis Serial No. 10/810,239 Docket No. 4366-170 Attorney: Bradley M. Knepper Telephone: 303/863-9700

Sheet 2 of 5 sheets





328

340

At Receiving TTY Device

Title of Invention: "NETWORK BASED METHOD AND APPARATUS FOR SUPPORTING INTEROPERABILITY BETWEEN INCOMPATIBLE TTY DEVICES" Inventor's Name: Michaelis Serial No. 10/810,239
Docket No. 4366-170
Attorney: Bradley M. Knepper Telephone: 303/863-9700

Sheet 3 of 5 sheets **User Selects** 300 TTY Character TTY device Generates Fig. 3 304 **Tones Encoding Selected** Character **Sending Communications** 308 **Device Passes Tones To** Sending Communication Server **/312 Sending Communication** No Server Support Enhanced TTY Protocol Interoperability 320 316 Yes TTY Protocol Of Sending Use TTY Protocol Yes Of Receiving TTY TTY Device Different Than Receiving TTY Device Device To Describe TTY Characters No Use TTY Protocol Of Sending 324 TTY Device To Describe **Tones Encoding Character** 332 Communication Server At Format Of Received Yes Receiving End Support TTY Tones Compatible **Enhanced TTY Protocol** With Receiving TTY Interoperability Device Yes No. Generate Described Tones **Modify Description** Pass To Receiving Of TTY Tones **TTY Device** Reproduce TTY Character 326 **END** 



Inventor's Name: Michaelis Serial No. 10/810,239 Docket No. 4366-170 Attorney: Bradley M. Knepper Telephone: 303/863-9700

Sheet 4 of 5 sheets

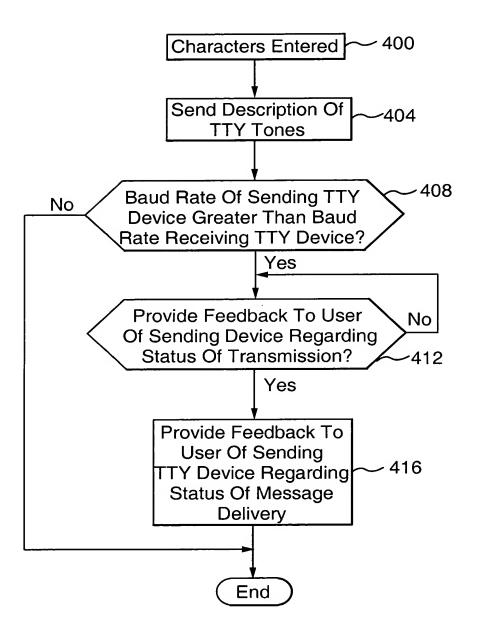


Fig. 4

Inventor's Name: Michaelis Serial No. 10/810,239 Docket No. 4366-170 Attorney: Bradley M. Knepper Telephone: 303/863-9700

Sheet 5 of 5 sheets

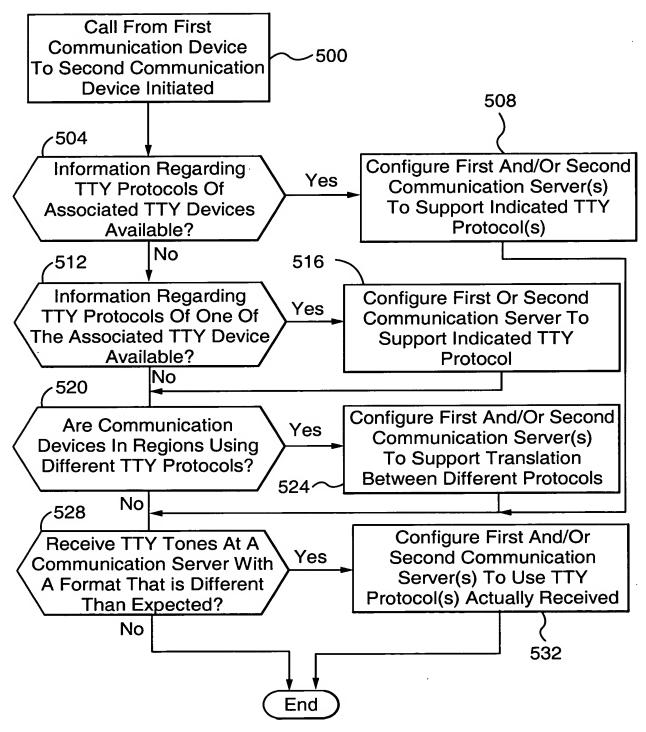


Fig. 5